				Enter Water	ershed Variable	es Below					
Watershed Name			Cannon		] w	atershed Code	070-	4002	]	Help	
L	anduse Type		Pasture		]	Landuse Acres	147,076	Interest Rate		5%	
Typical	Unit Size (ac)		40		Pe	ercent TA of FA	20%	Co	st-Share Rate	50%	
Estimated Time Frame = 5 years			articipation Rate n Watershed Profile)		COMPARE	12%		articipation Rated Future Condit		Next	
Cur	rent Condition	ıs	Projected Change				Projected Future Condition				
System Percent		Acres	System	Percent	Acres	System	Percent	Acres			
System	reiceilt	Acres	System	reiceill	Acres	System	reiceili	Total	Static	Treated	
Baseline	70%	102,953	Baseline Progressive	85% 5%	87,510 5,148	Baseline	60%	87,510	87,510	0	
			RMS Must Total 100%	10% 100%	10,295						
Cur	rent Conditior	26		ojected Chan	20		Project	od Futura Ca	ndition		
							Projected Future Condition		Acres		
System	Percent	Acres	System	Percent	Acres	System	Percent	Total	Static	Treated	
Progressive	25%	36,769	Progressive RMS	95% 5%	34,931 1,838	Progressive	27%	40,078	34,931	5,148	
			Must Total 100%	100%							
Cur	rent Conditior	ıs		0		Projected Future Condition					
System	Percent	Acres	System	Percent	Acres	System	Percent	Total	Acres Static	Treated	
RMS	5%	7,354	RMS	100%	7,354	RMS	13%	19,488	7,354	12,134	
Grand Totals	100%	147,076					100%	147,076	129,795	17,281	

## **DOCUMENTATION SECTION**

Use an "x" to place conservation practices in each treatment level. Click the "Next" Button to move forward.	Help		iserva nent L	
Practices from CPPE Tool Output	Code	Base	Prog	RMS
Fence (ft.) 382	382	X	X	X
Heavy Use Area Protection (ac.) 561	561			X
Pasture & Hayland Planting (ac.) 512	512		X	X
Pest Management (ac.) 595	595			X
Pipeline (ft.) 516	516		X	X
Prescribed Grazing (ac.) 528	528			X
Pumping Plant (no.) 533	533			X
Water Well (no.) 642	642			X
Watering Facility (no.) 614	614		X	X

## **DOCUMENTATION SECTION**



## PRACTICE FACTOR SHEET

Only shaded practices are in this analysis.



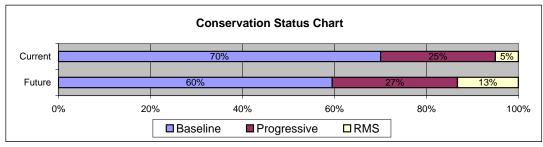
Modify the formula for each Base, Prog, RMS to enter feet, no. or acres for each practice factor.

Please enter appropriate factor for each level of treatment (Baseline, Progressive, & RMS)

<u>Code</u>		<u>BASE</u>		<u>PROG</u>		<u>RMS</u>	<u>SHORT NOTE</u> <u>TU = Typical Unit Size</u>	Practice Name
382	X	5,000	X	6,500	X	13,000	FEET per TU	Fence (ft.) 382
512		100.0%	X	1.0%	X	1.5%	PERCENT of TU	Pasture & Hayland Planting (ac.) 512
516		1,000	X	50	X	120	FEET per TU	Pipeline (ft.) 516
528		100.0%		100.0%	X	100.0%	PERCENT of TU	Prescribed Grazing (ac.) 528
533		1		1	X	0.010	NUMBER per TU	Pumping Plant (no.) 533
561		10.0%		10.0%	X	0.01%	PERCENT of TU	Heavy Use Area Protection (ac.) 561
595		100.0%		8.0%	X	50.0%	PERCENT of TU	Pest Management (ac.) 595
614		1	X	0.5	X	2	NUMBER per TU	Watering Facility (no.) 614
642		1		1	X	0.010	NUMBER per TU	Water Well (no.) 642
342		5.0%		5.0%		1.0%	PERCENT of TU	Critical Area Planting (ac.) 342
378		1		0.01		0.01	NUMBER per TU	Pond (no.) 378
410		1		1		0.01	NUMBER per TU	Grade Stabilization Structure (no.) 410
472		25.0%		25.0%		1.0%	PERCENT of TU	Use Exclusion (ac.) 472
578		50		50		1	FEET per TU	Stream Crossing 578
327		10.0%		10.0%		10.0%	PERCENT of TU	Conservation Cover (ac.) 327
328		100.0%		100.0%		100.0%	PERCENT of TU	Conservation Crop Rotation (ac.) 328
344		80.0%		100.0%		100.0%	PERCENT of TU	Residue Management, Seasonal (ac.) 344
362		500		500		25	FEET per TU	Diversion (ft.) 362
380		500		500		500	FEET per TU	Windbreak/Shelterbreak Establishment (ft.) 380
393		10.0%		1.0%		2.0%	PERCENT of TU	Filter Strip (ac.) 393
412		5.0%		0.5%		1.0%	PERCENT of TU	Grassed Waterway (ac.) 412
590		100.0%		10.0%		100.0%	PERCENT of TU	Nutrient Management (ac.) 590
600		5,000		5,000		100	FEET per TU	Terrace (ft.) 600
606		10,000		16,000		20,000	FEET per TU	Subsurface Drain (ft.) 606
633		100.0%		100.0%		10.0%	PERCENT of TU	Waste Utilization (ac.) 633
638		1		1		2	NUMBER per TU	Water & Sediment Control Basin (no.) 638
644		100.0%		100.0%		1.0%	PERCENT of TU	Wetland Wildlife Habitat Management (ac.) 644
645		100.0%		7.0%		10.0%	PERCENT of TU	Upland Wildlife Habitat Management (ac.) 645
657		100.0%		100.0%		0.5%	PERCENT of TU	Wetland Restoration (ac.) 657
329A		100.0%		5.0%		8.0%	PERCENT of TU	Residue Management, No-Till/Strip Till/Direct Seed (ac.) 329A

WATERSHED NAME & CODE		CANNON	- 0704002			LANDUSE ACRES	147	,076		
LANDUSE TYPE		PAS	TURE		TYPICA	L UNIT SIZE ACRES	4	.0		
ASSESSMENT INFORMATION					ESTIMAT	ED PARTICIPATION	12	2%		
	CURRENT CONDITIONS	FU	TURE CONDITION	ONS	RESOURCE CONCERNS					
CONSERVATION SYSTEMS BY TREATMENT LEVELS	Total Units	Existing Unchanged Units	New Treatment Units	Total Units	Plant Condition – Productivity, Health and Vigor	Plant Condition – Forage Quality and Palatability	Plants not adapted or suited	Domestic Animals – Inadequate Stock Water		
Baseline System			S	ystem Rating ->	0	0	0	0		
Total Acreage at Baseline Level	102,953	87,510	0	87,510						
Fence (ft.) 382	12,869,150	10,938,778	0	10,938,778	0	0	0	0		
	, ,									
Progressive System			S	ystem Rating ->	3	3	3	4		
Total Acreage at Progressive Level	36,769	34,931	5,148	40,078						
Fence (ft.) 382	5,974,963	6,319,672	193,037	6,512,709	0	0	0	0		
Pasture & Hayland Planting (ac.) 512	368	349	51	401	5	5	5	0		
Pipeline (ft.) 516	45,961	43,663	6,435	50,098	1	0	0	5		
Watering Facility (no.) 614	460	437	64	501	1	1	0	5		
Resource Management System (RMS)			S	ystem Rating ->	4	4	4	5		
Total Acreage at RMS Level	7,354	7,354	12,134	19,488				-		
Fence (ft.) 382	2,389,985	3,975,648	2,357,812	6,333,460	0	0	0	0		
Heavy Use Area Protection (ac.) 561	1	1	1	2	0	0	1	1		
Pasture & Hayland Planting (ac.) 512	110	129	164	292	5	5	5	0		
Pest Management (ac.) 595	3,677	3,677	6,067	9,744	3	3	3	0		
Pipeline (ft.) 516	22,061	24,359	34,103	58,463	1	0	0	5		
Prescribed Grazing (ac.) 528	7,354	7,354	12,134	19,488	3	3	3	0		
Pumping Plant (no.) 533	2	2	3	5	0	0	0	5		
Water Well (no.) 642	2	2	3	5	1	0	1	5		
Watering Facility (no.) 614	368	391	584	974	1	1	0	5		

WATERSHED NAME & CODE		CANNON	- 0704002			LANDUSE ACRES	147	,076	
LANDUSE TYPE		PAS	TURE		TYPICAL	UNIT SIZE ACRES	4	0	
CONSERVATION INVESTMENT INFORMATION					ESTIMATE	D PARTICIPATION	12%		
	FUTURE		USDA IN	IVESTMENT		Pi	RIVATE INVESTMENT		
CONSERVATION SYSTEMS BY TREATMENT LEVELS	New Treatment Units	Installation Cost 50%	Management Cost - 3 yrs 100%	Technical Assistance 20%	Total Present Value Cost	Installation Cost 50%	Annual O & M + Mgt Costs 100%	Total Present Value Cost	
Progressive System Acres Treated	5,148								
Fence (ft.) 382	193,037	\$113,892	\$0	\$22,778	\$136,670	\$113,892	\$4,556	\$133,616	
Pasture & Hayland Planting (ac.) 512	51	\$5,411	\$0	\$1,082	\$6,493	\$5,411	\$108	\$5,879	
Pipeline (ft.) 516	6,435	\$6,756	\$0	\$1,351	\$8,108	\$6,756	\$270	\$7,926	
Watering Facility (no.) 614	64	\$8,494	\$0	\$1,699	\$10,192	\$8,494	\$170	\$9,229	
	Subtotal	\$134,553	\$0	\$26,911	\$161,463	\$134,553	\$5,104	\$156,650	
Resource Management System (RMS) Acres Treated	12,134								
Fence (ft.) 382	2,357,812	\$1,391,109	\$0	\$278,222	\$1,669,331	\$1,391,109	\$55,644	\$1,632,020	
Heavy Use Area Protection (ac.) 561	1	\$15,477	\$0	\$3,095	\$18,572	\$15,477	\$4,643	\$35,578	
Pasture & Hayland Planting (ac.) 512	164	\$17,198	\$0	\$3,440	\$20,638	\$17,198	\$344	\$18,688	
Pest Management (ac.) 595	6,067	\$0	\$100,104	\$20,021	\$110,890	\$0	\$33,368	\$53,596	
Pipeline (ft.) 516	34,103	\$35,808	\$0	\$7,162	\$42,970	\$35,808	\$1,432	\$42,010	
Prescribed Grazing (ac.) 528	12,134	\$182,007	\$0	\$36,401	\$218,408	\$182,007	\$0	\$182,007	
Pumping Plant (no.) 533	3.03	\$5,839	\$0	\$1,168	\$7,007	\$5,839	\$234	\$6,85°	
Water Well (no.) 642	3.03	\$6,225	\$0	\$1,245	\$7,469	\$6,225	\$124	\$6,763	
Watering Facility (no.) 614	584	\$77,049	\$0	\$15,410	\$92,459	\$77,049	\$1,541	\$83,72	
	Subtotal	\$1,730,712	\$100,104	\$366,163	\$2,187,745	\$1,730,712	\$97,331	\$2,061,234	
TOTAL ACRES TREATED / ESTIMATED TREATMENT COSTS	2550849.375	\$1,865,265	\$100,104	\$393,074	\$2,349,208	\$1,865,265	\$102,435	\$2,217,884	



Landuse Type	Landuse Type PAST					
<b>Estimated Participati</b>	on Rate	12%				

Average PV Costs per Ac												
System	Federal	Private										
Prog	\$31	\$30										
RMS	\$180	\$170										

Estimated FTE per Year 0.8
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WATERSHED NAME & CODE		CAN	NON - 070	1002				LA	NDUSE	ACRES	147,076
LANDUSE TYPE		ı	PASTURE				TYPI	CAL UN	IIT SIZE	ACRES	40
POSSIBLE SOURCES OF FUNDING								IATED F	PARTICI	PATION	12%
	FUTURE		U	SDA INVE	STMENT				OTHER	3	
CONSERVATION SYSTEMS	New						CRP/				NOTES/COMMENTS
BY TREATMENT LEVELS	Treatment Units	СТА	EQIP	WRP	WHIP	CSP	CREP	Fed	State	Local	
Progressive System Acres Treated	5,148			•							
Fence (ft.) 382	193,037	Х									
Pasture & Hayland Planting (ac.) 512	51	Х	Х		Х						
Pipeline (ft.) 516	6,435	х									
Watering Facility (no.) 614	64	х	х		х	х					
Resource Management System (RMS) Acres Treated	12,134										
Fence (ft.) 382	2,357,812	х									
Heavy Use Area Protection (ac.) 561	1	Х	х		х						
Pasture & Hayland Planting (ac.) 512	164	х	х		х						
Pest Management (ac.) 595	6,067	х	х	х							
Pipeline (ft.) 516											
ripeine (it.) 310	34,103	Х									
	34,103 12,134	X X									
Prescribed Grazing (ac.) 528											
Prescribed Grazing (ac.) 528 Pumping Plant (no.) 533	12,134	х		x	X						
Prescribed Grazing (ac.) 528 Pumping Plant (no.) 533 Water Well (no.) 642	12,134 3	X X	X	х	X X	X					
Prescribed Grazing (ac.) 528 Pumping Plant (no.) 533 Water Well (no.) 642	12,134 3 3	X X X	X	X		x					
Prescribed Grazing (ac.) 528 Pumping Plant (no.) 533 Water Well (no.) 642	12,134 3 3	X X X	x	X		X					
Prescribed Grazing (ac.) 528 Pumping Plant (no.) 533 Water Well (no.) 642	12,134 3 3	X X X	X	X		x					
Prescribed Grazing (ac.) 528  Pumping Plant (no.) 533  Water Well (no.) 642  Watering Facility (no.) 614	12,134 3 3	X X X	x	X		X					
Prescribed Grazing (ac.) 528 Pumping Plant (no.) 533 Water Well (no.) 642	12,134 3 3	X X X	x	X		X					
Prescribed Grazing (ac.) 528 Pumping Plant (no.) 533 Water Well (no.) 642	12,134 3 3	X X X	x	X		x					
Prescribed Grazing (ac.) 528 Pumping Plant (no.) 533 Water Well (no.) 642	12,134 3 3	X X X	X	X		x					

## **DOCUMENTATION SECTION**

Rapid Assessment Tool Data										
							Resource Concern	<u>ns:</u>		
Conservation Practice	Code	Units	Installation Cost	Life	O&M Factor	Total Annual Cost	Plant Condition – Productivity, Health and Vigor	Forage Quality	Plants not adapted or suited	Domestic Animals – Inadequate Sto Water
Fence (ft.) 382	382	Ft	\$1.18	20	0.02	\$0.12		0	0	0
Heavy Use Area Protection (ac.) 561	561	Ac	\$25,510.00	10	0.15	\$7,130.16	0	0	1	1
Pasture & Hayland Planting (ac.) 512	512	Ac	\$210.22	10	0.01	\$29.33	5	5	5	0
Pest Management (ac.) 595	595	Ac	\$5.50	1	0.00	\$5.50	3	3	3	0
Pipeline (ft.) 516	516	Ft	\$2.10	10	0.02	\$0.31	1	0	0	5
Prescribed Grazing (ac.) 528	528	Ac	\$30.00	5	0.00	\$6.93		3	3	0
Pumping Plant (no.) 533	533	No	\$3,850.00	15	0.02	\$447.92		0	0	5
Water Well (no.) 642	642	No	\$4,103.92	10	0.01	\$572.52	1	0	1	5
Watering Facility (no.) 614	614	No	\$264.00	10	0.01	\$36.83	1	1	0	5